

Model 2100

Rotary Transducer Monitoring System



The 2100 Systems are well suited for both short and long term testing, monitoring or controlling in those areas where other methods are affected by vibration, dust, moisture, high RPM's, and large axial and radial shaft movements. The pre-fabricated bolt-on collar makes for quick short term installations and the power induction system makes for carefree non-stop, long term operation. The clamp-on collar is specifically machined to fit each application. This collar has a pre-assembled antenna and an installed transmitter in its machined pocket. The transmitter receives power from and broadcasts the data signal to the stationary loop of the induction supply module. The RF data signal is then carried to the receiver where it is converted to a high voltage bipolar output. The receiver has front panel locking controls for GAIN, ZERO, DISPLAY SCALE, RECEIVED SIGNAL STRENGTH, and IPS POWER adjustment. Transmitters and receivers operating at different frequencies are available for up to 10 point of measurements. Transmitters located within approximately 10 feet of each other should always be at different frequencies.